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# ANNUAL REPORT

for 1945

OF THE

Medical Officer of Health.

## BOROUGH OF RAWTENSTALL.

### HEALTH COMMITTEE.

THE MAYOR (COUNCILLOR G. H. LUPTON)  
(*Ex-officio*).

*Chairman* : Alderman Mrs. D. ASPIN.

*Vice-Chairman* : Councillor C. HEWITT.

Councillor H. CROISDALE.

„ S. HILL.

„ H. HOWARTH.

„ R. HOWORTH.

„ W. INGHAM.

„ F. MITCHELL.

„ Mrs. N. J. PHILLIPS.

„ G. SCHOFIELD.

„ H. TURNER.

„ V. WEST.

### MATERNITY AND CHILD WELFARE COMMITTEE.

The Health Committee with the Co-opted Members  
given below :

Mrs. E. CRABTREE, J.P.

„ H. N. HOLDEN, M.A.

„ G. F. HOLT.

„ M. J. PILLING.

„ M. ROBINSON.

„ E. STOCKS.

## STAFF.

### *Medical Officer of Health :*

T. W. HILL, M.D., D.P.H. (Resigned 16/4/45).  
H. BOARDMAN, M.B., CH.B., D.P.H. (17/4/45 to 12/11/45).  
T. PATTON SEWELL, M.B., CH.B., D.P.H. (From 27/12/45).

### *Consulting Orthopædic Surgeon :*

\* S. M. MILNER, F.R.C.S., M.A., M.B.

### *Consulting Nose and Throat Surgeon :*

\* PHILIP A. HARRY, M.D., CH.B., D.P.H.

### *Consultant for Puerperal Pyrexia :*

\* A. CALLAM, D.S.O., M.D., F.R.C.S.E.

### *Consulting Obstetrician :*

\* C. E. B. RICKARDS, M.D., M.R.C.O.G.

### *Speech Therapist :*

MRS. E. THOMAS.

### *Dental Surgeon :*

A. C. WALKER, L.D.S.

### *Chief Sanitary Inspector :*

W. E. HOYLE, M.R.S.I.

### *Sanitary Inspector :*

L. T. SIMPSON, A.R.S.I. (Joined H.M. Forces 3.6.43).

### *Health Visitors :*

§ MISS W. ATKINSON.

§ MISS J. RILEY.

§ MISS N. THORNTON (From 1/3/45).

### *Orthopædic Nurse :*

\* MRS. E. WADE.

### *Dental Attendant :*

MISS S. WEILDING.

### *Clerks :*

R. HAWORTH (with H.M. Forces), A. HALLIWELL (with H.M. Forces), MISS T. BURKE, MISS E. CHADWICK.

### *Hospital Caretaker and Disinfectors :*

W. STOPFORTH.

\* Part time.

§ Also acts as School Nurse.

C.M.B. S.R.N. H.V. Cert.

## Annual Report for 1945.

To the Chairman and Members of the Health Committee.

LADIES AND GENTLEMEN,

I beg to place before you the Annual Report of the Medical Officer of Health for the year 1945.

I am,

Your obedient Servant,

T. PATTON SEWELL,  
Medical Officer of Health.

## SECTION A.

### Vital Statistics for the Year 1945.

Estimated Population Mid-Year ..... 23,000

|             |                    | Total | M.  | F.  |
|-------------|--------------------|-------|-----|-----|
| Live Births | Legitimate .....   | 305   | 162 | 143 |
|             | Illegitimate ..... | 21    | 11  | 10  |
|             | Total .....        | 326   | 173 | 153 |

Stillbirths ..... 10      8      2

Still Birth Rate ..... 29

Deaths ..... 398      177      221

Birth Rate ..... 14.1 per 1,000 population.

Death Rate ..... 17.3 per 1,000 population.

Infantile Mortality Rate ..... 55 per 1,000 live births.

Maternal Mortality Rate ..... 5.95 per 1,000 total births.

Maternal Mortality Rate ..... 6.13 per 1,000 live births.

Live Birth Rate for England and Wales ..... 16.1

| CAUSES OF DEATH                  |                                                                      | MALES | FEMALES |
|----------------------------------|----------------------------------------------------------------------|-------|---------|
| ALL CAUSES... ..                 |                                                                      | 177   | 221     |
| 1                                | Typhoid and paratyphoid fevers ...                                   | ...   | ...     |
| 2                                | Cerebro-spinal fever ... ..                                          | 1     | ...     |
| 3                                | Scarlet Fever ... ..                                                 | ...   | ...     |
| 4                                | Whooping Cough... ..                                                 | ...   | ...     |
| 5                                | Diphtheria ... ..                                                    | ...   | 1       |
| 6                                | Tuberculosis of respiratory system.                                  | 5     | 5       |
| 7                                | Other forms of tuberculosis ... ..                                   | 1     | 1       |
| 8                                | Syphilitic diseases ... ..                                           | 3     | ...     |
| 9                                | Influenza ... ..                                                     | 3     | 2       |
| 10                               | Measles ... ..                                                       | ...   | ...     |
| 11                               | Acute poliomyelitis and Polioen-<br>cephalitis ... ..                | ...   | ...     |
| 12                               | Acute infectious encephalitis ... ..                                 | ...   | 1       |
| 13                               | Cancer of buccal cavity and œso-<br>phagus (M.), uterus (F.) ... ..  | 3     | 5       |
| 14                               | Cancer of stomach and duodenum ...                                   | 5     | 9       |
| 15                               | Cancer of breast ... ..                                              | ...   | 9       |
| 16                               | Cancer of all other sites ... ..                                     | 12    | 20      |
| 17                               | Diabetes... ..                                                       | 1     | 4       |
| 18                               | Intra-cranial vascular lesions ... ..                                | 21    | 33      |
| 19                               | Heart disease ... ..                                                 | 57    | 69      |
| 20                               | Other diseases of circulatory system.                                | 8     | 2       |
| 21                               | Bronchitis ... ..                                                    | 5     | 6       |
| 22                               | Pneumonia ... ..                                                     | 8     | 3       |
| 23                               | Other respiratory diseases... ..                                     | 3     | 1       |
| 24                               | Ulcer of stomach or duodenum ...                                     | 1     | 2       |
| 25                               | Diarrhœa under 2 years ... ..                                        | 1     | ...     |
| 26                               | Appendicitis... ..                                                   | 1     | ...     |
| 27                               | Other digestive disorders ... ..                                     | 3     | 3       |
| 28                               | Nephritis ... ..                                                     | 7     | 14      |
| 29                               | Puerperal and post-abortion sepsis ...                               | ...   | ...     |
| 30                               | Other maternal causes ... ..                                         | ...   | 2       |
| 31                               | Premature birth ... ..                                               | 5     | 2       |
| 32                               | Congenital malformations, birth<br>injury, infantile diseases ... .. | 2     | 5       |
| 33                               | Suicide ... ..                                                       | 2     | 2       |
| 34                               | Road traffic accidents... ..                                         | ...   | 1       |
| 35                               | Other violent causes ... ..                                          | 6     | 6       |
| 36                               | All other causes ... ..                                              | 13    | 13      |
| Deaths of Infants under 1 year : |                                                                      |       |         |
| Total ... ..                     |                                                                      | 11    | 7       |
| Illegitimate ... ..              |                                                                      | 11    | 7       |
| LIVE BIRTHS :                    |                                                                      |       |         |
| Total ... ..                     |                                                                      | 173   | 153     |
| Legitimate ... ..                |                                                                      | 162   | 143     |
| Illegitimate ... ..              |                                                                      | 11    | 10      |
| STILLBIRTHS :                    |                                                                      |       |         |
| Total ... ..                     |                                                                      | 8     | 2       |
| Illegitimate ... ..              |                                                                      | 1     | ...     |

# RAWTENSTALL BOROUGH - VITAL STATISTICS.

| Year | Population    | Death<br>Rate<br>per<br>1,000 | Birth Rate per<br>1,000 population |        |               | Infant Mort.<br>per 1,000<br>live births | Actual<br>Still<br>Births | Maternal Death<br>Rate |                           | Attendances<br>at C.W. Clinics |                   | % live<br>births<br>attend-<br>ing | Ante-natal Cl.<br>Attendances |                  |
|------|---------------|-------------------------------|------------------------------------|--------|---------------|------------------------------------------|---------------------------|------------------------|---------------------------|--------------------------------|-------------------|------------------------------------|-------------------------------|------------------|
|      |               |                               | Actual                             |        | All<br>Births |                                          |                           | per 1,000<br>live      | per 1,000<br>live & still | Pat-<br>ients                  | Attend-<br>ances. |                                    | Pat-<br>ients                 | Attend-<br>ances |
|      |               |                               | Leg.                               | Illeg. |               |                                          |                           |                        |                           |                                |                   |                                    |                               |                  |
| 1945 | 23,000        | 17.3                          | 305                                | 21     | 14.1          | 55.0                                     | 10                        | 6.13                   | 5.95                      | 797                            | 7307              | 92.3                               | 176                           | 489              |
| 1944 | 23,630        | 15.5                          | 386                                | 16     | 17.3          | 57.21                                    | 9                         | 4.97                   | 4.86                      | 1102                           | 9004              | 89.0                               | 277                           | 617              |
| 1943 | 23,630        | 15.6                          | 323                                | 15     | 14.3          | 17.75                                    | 8                         | 2.96                   | 2.89                      | 989                            | 8295              | 85.8                               | 242                           | 661              |
| 1942 | 26,030        | 12.6                          | 307                                | 10     | 12.9          | 34.7                                     | 18                        | nil                    | nil                       | 927                            | 8247              | 96.5                               | 205                           | 517              |
| 1941 | 25,770        | 14.8                          | 294                                | 8      | 11.7          | 47.02                                    | 17                        | 9.4                    | 8.92                      | 801                            | 6518              | 94.7                               | 216                           | 539              |
| 1940 | 26,030        | 14.8                          | 274                                | 5      | 10.7          | 46.9                                     | 12                        | nil                    | nil                       | 659                            | 6000              | 82.2                               | 134                           | 388              |
| 1939 | 26,810(Birth) |                               |                                    |        |               |                                          |                           |                        |                           |                                |                   |                                    |                               |                  |
|      | 26,910(Death) | 14.1                          | 269                                | 11     | 10.4          | 60                                       | 7                         | 3.57                   | 3.48                      | 645                            | 6683              | 80.71                              | 152                           | 521              |
| 1938 | 27,070        | 14.0                          | 311                                | 10     | 11.8          | 62                                       | 12                        | 6.23                   | 6.00                      | 741                            | 6003              | 77.05                              | 144                           | 373              |
| 1937 | 27,300        | 15.1                          | 257                                | 9      | 9.7           | 71                                       | 11                        | 7.51                   | 7.22                      | 731                            | 5384              | 70.46                              | 107                           | 271              |
| 1936 | 27,710        | 14.4                          | 323                                | 12     | 12.0          | 59                                       | 20                        | nil                    | nil                       | 832                            | 6322              | 90.05                              | 142                           | 534              |
| 1935 | 27,940        | 13.3                          | 263                                | 12     | 9.8           | 50                                       | 22                        | nil                    | nil                       | 732                            | 5885              | 82.9                               | 71                            | 225              |
| 1934 | 28,020        | 12.4                          | 340                                | 17     | 12.7          | 78                                       | 12                        | 2.80                   | 2.71                      | 728                            | 5190              | 64.9                               | 40                            | 127              |
| 1933 | 28,130        | 13.8                          | 270                                | 13     | 10.0          | 56                                       | 19                        | 3.53                   | 3.31                      | 523                            | 2243              | 80.6                               |                               |                  |
| 1932 | 28,500        | 13.2                          | 307                                | 9      | 11.0          | 63                                       | 21                        | 3 deaths               |                           |                                | 1970              |                                    |                               |                  |
| 1931 | 28,890        | 13.4                          | 352                                | 15     | 12.7          | 49                                       | 22                        | 5.44                   | 5.14                      |                                | 1987              |                                    |                               |                  |
| 1930 | 28,660        | 13.2                          | 330                                | 13     | 11.9          | 84                                       | 22                        | 20.40                  |                           |                                | 1718              |                                    |                               |                  |
| 1929 | 28,660        | 15.9                          | 385                                | 12     | 13.8          | 95                                       | 18                        | 5.03                   |                           |                                | 1585              |                                    |                               |                  |
| 1928 | 28,990        | 13.3                          | 354                                | 13     | 12.6          | 70                                       | 31                        | 2.72                   |                           |                                | 1454              |                                    |                               |                  |
| 1927 | 28,920        | 13.0                          | 401                                | 10     | 14.2          | 58                                       | 10                        | 3 deaths               |                           |                                | 1351              |                                    |                               |                  |
| 1926 | 28,890        | 13.6                          | 407                                | 15     | 14.6          | 83                                       | 8                         | 2                      | "                         |                                | 1425              |                                    |                               |                  |
| 1925 | 28,960        | 13.0                          | 420                                | 13     | 14.9          | 87                                       | 7                         | 2                      | "                         |                                | 1462              |                                    |                               |                  |
| 1924 | 29,200        | 14.5                          | 465                                | 15     | 16.4          | 104                                      | 15                        | 2                      | "                         |                                | 1384              |                                    |                               |                  |
| 1923 | 29,020        | 13.5                          | 490                                | 16     | 17.4          | 75                                       | 16                        | 1                      | "                         |                                | 1153              |                                    |                               |                  |
| 1922 | 28,990        | 15.0                          | 471                                | 20     | 16.9          | 89                                       | 10                        | 4                      | "                         |                                | 1650              |                                    |                               |                  |
| 1921 | 28,470        | 12.5                          | 573                                | 22     | 20.5          | 68                                       | 17                        | 3                      | "                         |                                | 1489              |                                    |                               |                  |
| 1920 | 28,470        | 13.3                          | 559                                | 34     | 20.8          | 89.1                                     | 9                         | 4                      | "                         | 384                            |                   |                                    |                               |                  |
| 1919 | 27,379        | 12.8                          | 334                                | 25     | 12.5          | 55                                       | 7                         | 2                      | "                         |                                |                   |                                    |                               |                  |
| 1918 | 25,232        | 17.2                          | 343                                | 19     | 12.8          | 102                                      |                           | 4                      | "                         |                                |                   |                                    |                               |                  |
| 1917 | 29,018(Birth) |                               |                                    |        |               |                                          |                           |                        |                           |                                |                   |                                    |                               |                  |
|      | 26,032(Death) | 12.37                         | 326                                | 18     | 11.65         | 73.31                                    | 18                        | 3                      | "                         |                                |                   |                                    |                               |                  |
| 1916 | 30,821(Birth) |                               |                                    |        |               |                                          |                           |                        |                           |                                |                   |                                    |                               |                  |
|      | 28,328(Death) | 13.23                         | 485                                | 25     | 16.54         | 94.1                                     | 24                        | 1                      | "                         |                                |                   |                                    |                               |                  |
| 1915 | 29,575        | 16.26                         | 528                                | 20     | 18.53         | 133.21                                   |                           | 0                      | "                         |                                |                   |                                    |                               |                  |
| 1914 | 30,600        | 15.95                         | 538                                | 24     | 18.36         | 88.913                                   |                           | 3                      | "                         |                                |                   |                                    |                               |                  |
| 1913 | 30,500        | 14.91                         | 275                                | 18     | 19.44         | 101.18                                   |                           |                        | "                         |                                |                   |                                    |                               |                  |
| 1912 | 30,500        | 14.42                         | 553                                | 19     | 18.75         | 96.15                                    |                           | 2                      | "                         |                                |                   |                                    |                               |                  |
| 1911 | 30,500        | 15.14                         | 599                                | 25     | 20.45         | 129.80                                   |                           | 3                      | "                         |                                |                   |                                    |                               |                  |
| 1910 | 32,960        | 12.22                         | 599                                | 26     | 18.96         | 110.4                                    |                           | 6                      | "                         |                                |                   |                                    |                               |                  |
| 1909 | 32,800        | 13.96                         | 646                                | 30     | 20.60         | 102.07                                   |                           | 2                      | "                         |                                |                   |                                    |                               |                  |
| 1908 | 32,700        | 13.97                         | 705                                | 28     | 22.41         | 113.23                                   |                           | 2                      | "                         |                                |                   |                                    |                               |                  |
| 1907 | 32,600        | 15.46                         | 687                                | 33     | 22.08         | 136.11                                   |                           | 3                      | "                         |                                |                   |                                    |                               |                  |
| 1906 | 32,200        | 14.4                          | 642                                | 24     | 20.68         | 123.12                                   |                           | 4                      | "                         |                                |                   |                                    |                               |                  |
| 1905 | 32,000        | 14.21                         | 663                                | 36     | 21.84         | 118.8                                    |                           | 5                      | "                         |                                |                   |                                    |                               |                  |
| 1904 | 31,350        | 15.72                         | 675                                | 35     | 22.64         | 143.6                                    |                           | 2                      | "                         |                                |                   |                                    |                               |                  |
| 1903 | 31,250        | 15.23                         | 687                                |        | 21.95         | 126.6                                    |                           | 3                      | "                         |                                |                   |                                    |                               |                  |
| 1902 | 31,170        | 14.14                         | 703                                |        | 22.55         | 137.9                                    |                           | 1                      | "                         |                                |                   |                                    |                               |                  |
| 1901 | 31,090        | 16.66                         | 731                                |        | 23.5          | 146.37                                   |                           | 2                      | "                         |                                |                   |                                    |                               |                  |
| 1900 | 30,934        | 16.7                          | 752                                |        | 24.3          | 153                                      |                           | 2                      | "                         |                                |                   |                                    |                               |                  |
| 1899 | 30,770        | 15.9                          | 769                                |        | 24.9          | 143                                      |                           |                        | "                         |                                |                   |                                    |                               |                  |
| 1898 | 30,620        | 16.7                          | 811                                |        | 26.4          | 156.6                                    |                           |                        | "                         |                                |                   |                                    |                               |                  |
| 1897 | 30,460        | 18.8                          | 812                                |        | 26.6          | 182.2                                    |                           |                        | "                         |                                |                   |                                    |                               |                  |
| 1896 | 30,310        | 18.04                         | 800                                |        | 26.3          | 173.7                                    |                           |                        | "                         |                                |                   |                                    |                               |                  |
| 1895 | 30,000        | 18.3                          | 876                                |        | 29.2          | 154                                      |                           |                        | "                         |                                |                   |                                    |                               |                  |
| 1894 | 30,064        | 14.6                          | 778                                |        | 25.9          | 119                                      |                           |                        | "                         |                                |                   |                                    |                               |                  |
| 1893 |               | 18.5                          |                                    |        |               |                                          |                           |                        | "                         |                                |                   |                                    |                               |                  |
| 1892 |               | 19.0                          |                                    |        |               |                                          |                           |                        | "                         |                                |                   |                                    |                               |                  |

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## SECTION B.

### General Provision of Health Services for the Area.

LABORATORY FACILITIES.—The Public Health Laboratory, Manchester, undertakes Bacteriological and Chemical Examinations for the Borough.

During the year the following examinations have been made :

|                                                      | Positive. | Negative. | Total. |
|------------------------------------------------------|-----------|-----------|--------|
| Throat Swabs for Diphtheria...                       | 17        | 95        | 112    |
| Nose Swabs for Diphtheria ...                        | —         | 10        | 10     |
| Diphtheria, Virulence Tests ...                      | 1         | —         | 1      |
| Typhoid .....                                        | —         | 1         | 1      |
| Milk for T.B. ....                                   | —         | 31        | 31     |
| Bacteriological Examinations of Milk .....           |           |           | 33     |
| Bacteriological and Chemical Examinations of Water.. |           |           | 20     |
| Wassermann Reaction .....                            |           |           | 1      |
| Examination for Gonococci .....                      |           |           | 1      |
|                                                      |           | Total...  | 210    |

### Ambulance Facilities.

The Corporation ambulances have removed to the Massage and X-Ray Centre at Haslingden 190 patients, who made 1,011 attendances. The mileage covered for this purpose was 4,197 miles in the year. The total removals were 2,429 covering a mileage of 30,657 miles.

Messages for the use of the ambulance are left at the 'Bus Shed (Ross, 814),

GENERAL HOSPITAL TREATMENT.—The hospital facilities outlined in the 1938 report have been available.

PROFESSIONAL NURSING IN THE HOME.—During 1945 the four Nursing Societies in the Borough amalgamated to form the Rawtenstall District Nursing Association.

### Maternity and Child Welfare.

MIDWIVES.—The Lancashire County Council employs two whole time midwives who are resident in the Borough. There are also two District Nurses who are also midwives employed by the Nursing Societies, who also act under the County Midwifery Scheme in the Borough.

ANTE-NATAL CLINICS.—There have been no changes. The Clinic meets weekly on Monday at 2 p.m. at 6, Kay Street, Rawtenstall. The following figures give the work done by the Health department in Ante-natal cases :—

|                                                                                    |     |
|------------------------------------------------------------------------------------|-----|
| Number of expectant mothers who have attended the Ante-natal Clinic .....          | 176 |
| Number of attendances made at Ante-natal Clinics .....                             | 489 |
| Number of visits paid during the year by all Health Visitors to expectant mothers— |     |
| First visits .....                                                                 | 96  |
| Total visits .....                                                                 | 114 |

The Lancashire County Council provide Ante-natal facilities at Moorland Infirmary. The following figures show the work carried out at Moorlands for Rawtenstall residents :—

|                                                                                                                                  |      |
|----------------------------------------------------------------------------------------------------------------------------------|------|
| Number of expectant mothers who are resident in Rawtenstall, who have attended the Moorlands Ante-natal Clinic during 1945 ..... | 155  |
| Total number of attendances made by the above .....                                                                              | 1033 |
| Cases admitted to the Moorland Maternity Home from Rawtenstall during the year 1945 .....                                        | 160  |

|                                     |     |
|-------------------------------------|-----|
| Number delivered .....              | 160 |
| „ „ by doctors .....                | 16  |
| „ „ by midwives .....               | 144 |
| Live births .....                   | 160 |
| Still births .....                  | 6   |
| Died during the first 4 weeks ..... | 4   |

### **Institutional Provision for Mothers or Children.**

**MATERNITY.—MOORLAND HOSPITAL.** There have been no alterations made in the arrangements with the Moorland Maternity Home from those described previously. The number of mothers, belonging to Rawtenstall, who were confined there in 1945 was 160.

Sixty of the 160 cases received assistance under the Maternity and Child Welfare Scheme.

**ST. MARY'S HOSPITAL, MANCHESTER.**—There have been no alterations made in the arrangements with St. Mary's Hospital for the admission of abnormal confinements.

During 1945 30 maternity cases were admitted to St. Mary's Hospital under the arrangement.

**CHILDREN.**—Admission of children to Moorland Infirmary has continued where necessary.

The Workpeople's Hospital Fund provided treatment for 68 children under 5 years of age, 41 as in-patients, and 27 as out-patients at the following Hospitals:—Bury Infirmary 14, Burnley Victoria 9, Ramsbottom Cottage Hospital 3, Manchester Northern 1, Moorlands 12, Manchester Eye 1, Manchester Skin 3, St. Mary's 1, Duchess of York, Levenshulme 1, Accrington Victoria 1, Manchester Children's Hospital 15, Pendlebury Children's Hospital 6, Jewish Hospital, Manchester, 1.

**PHIMOSIS, &c.**—Operations for the cure of Phimosis are dealt with at The Infirmary, Bury, and the cost of the recommends is borne by the Maternity and Child Welfare Committee.

During 1945 32 cases of Phimosi were treated under these arrangements.

**TONSILS AND ADENOIDS.**—Thirteen children under 5 years of age received treatment by operation for removal of enlarged tonsils and adenoids under the Maternity and Child Welfare Scheme. The arrangements have been the same as those described in previous reports.

**DECAYED TEETH.**—Facilities have been available for treatment at the School Dental Clinic. Twenty-four cases under school age were treated during the year.

**DEFECTIVE VISION.**—Twenty children below school age were referred, under the Maternity and Child Welfare Scheme, for examination by the Ophthalmic Surgeon at the School Clinic.

**CHILD WELFARE CENTRES.**—There are three centres, held weekly. At the Clinic, Kay Street (Tuesday); Goodshaw Baptist School (Wednesday); Whitewell Bottom Council School (Thursday).

The attendances at the various centres are given below :—

| Year. | Clinic.  | Under 1 year |        | 1 and under 2 | 2 and under 3 | 3 and under 4 | 4 and under 5 | Total attendance | No. of Live Births belonging to Boro' |
|-------|----------|--------------|--------|---------------|---------------|---------------|---------------|------------------|---------------------------------------|
|       |          | Breast       | Bottle |               |               |               |               |                  |                                       |
| 1945  | R'stall  | 1057         | 1827   | 764           | 269           | 167           | 50            | 4134             | 326                                   |
|       | C'booth  | 565          | 491    | 277           | 95            | 64            | 57            | 1549             |                                       |
|       | W'bottom | 624          | 588    | 279           | 102           | 20            | 11            | 1624             |                                       |
|       |          | 2246         | 2906   | 1320          | 466           | 251           | 118           | 7307             |                                       |

(A) Total number of attendances at all Centres:—

- (i) By children under 1 year of age ..... 5152
- (ii) By children between the ages of 1 and 5 years ... 2155

|                                                                                                                                  |       |
|----------------------------------------------------------------------------------------------------------------------------------|-------|
| (B) Total number of children who attended at the Centres during the year and who, on the date of their first attendance, were :— |       |
| (i) Under 1 year of age .....                                                                                                    | 301   |
| (ii) Between 1 and 5 years .....                                                                                                 | 45    |
| (C) Total number of children who attended at the Centres during the year and at the end of the year were :                       |       |
| (i) Under 1 year of age .....                                                                                                    | 262   |
| (ii) Between the ages of 1 and 5 years .....                                                                                     | 535   |
| Percentage of live births represented by the number in (B) (i) .....                                                             |       |
|                                                                                                                                  | 92.3% |

### Home Visits by Health Visitors.

The following table shows the number and nature of home visits made by the Health Visitors during the year.

|                                                                                                                |      |
|----------------------------------------------------------------------------------------------------------------|------|
| No. of Visits to Mothers where births have occurred, advice given where necessary as to care and feeding ..... | 291  |
| No. of Visits to Children under One Year .....                                                                 | 987  |
| Visits to Children One to Five Years .....                                                                     | 900  |
| Infant Deaths inquired into .....                                                                              | 3    |
| Still Births inquired into .....                                                                               | 5    |
| Visits to Ante-Natal Cases .....                                                                               | 114  |
| Visits to Cases of suspected Ophthalmia Neonatorum ...                                                         | —    |
| No. of Cases of Infectious Diseases (Aged 0—5) visited .....                                                   | 53   |
| Other Visits .....                                                                                             | 68   |
| <hr/>                                                                                                          |      |
| Total .....                                                                                                    | 2412 |
| <hr/>                                                                                                          |      |

INFANT LIFE PROTECTION under Part I of the Children's Act, 1908, as amended by the Children and Young Persons Act, 1932).

There was one child on the register at the end of the year.

ADOPTION OF CHILDREN (Regulation) ACT, 1939.—There was one person who gave notice under Section 7(3) during the year, in respect of one child.

SUPPLY OF NOURISHMENTS.—The following food, etc., was supplied at cost price at the Child Welfare Centres.

|                                              |                        |
|----------------------------------------------|------------------------|
| Virol .....                                  | 270 $\frac{1}{2}$ lbs. |
| Cod Liver Oil .....                          | 246 ozs.               |
| Cod Liver Oil Emulsion (8 oz. bottles) ..... | 227 bottles.           |
| Cod Liver Oil and Malt .....                 | 393 lbs.               |
| Dried Milk Foods .....                       | 11,439 lbs.            |
| Adexolin Liquid .....                        | 136 $\frac{3}{4}$ ozs. |
| Farex .....                                  | 215 lbs.               |
| Redoxon .....                                | 114 packets.           |
| M.O.F. ....                                  | 175 lbs.               |

SUPPLY OF COD LIVER OIL AND FRUIT JUICE.—Issued by the Clinic Staff at the three Centres on behalf of the Ministry of Food. National Dried Milk has also been issued from the Centres on behalf of the Ministry of Food.

ORTHOPÆDIC TREATMENT.—There has been no change in the arrangements from those described previously.

Thirty-two children under 5 years of age belonging to this Borough have attended the Clinic during the year.

ULTRA VIOLET LIGHT TREATMENT. — Twelve children under five years and one ante-natal case attended the Clinic for treatment.

### Special Medical Examinations.

The following medical examinations have been made by the Medical Officer of Health for the purposes specified :—

|                                                                  |    |
|------------------------------------------------------------------|----|
| Examinations for Superannuation .....                            | 10 |
| Examinations of applicants for 'Bus Conductors and Drivers ..... | 32 |

## SECTION C.

### Sanitary Circumstances.

(i) WATER. The rainfall in 1945 was 44.38 inches compared with 55.52 in 1944.

There has been little change in the borough water supply.

(ii) CLOSET ACCOMMODATION.—Below are set out particulars of bins, ashpits, etc., in the Borough :—

|                                                 |      |
|-------------------------------------------------|------|
| No. of privy middens .....                      | 21   |
| No. of closets attached to these middens .....  | 21   |
| No. of pail closets .....                       | 480  |
| No. of dry ashpits (exclusive of middens) ..... | 40   |
| No. of fresh water closets .....                | 4547 |
| No. of waste water closets .....                | 3628 |
| No. of portable receptacles for refuse .....    | 8016 |

Closet Conversions :—

|                                                                                                  |                    | During<br>Year<br>1945. | During<br>five years<br>1940-1944. |
|--------------------------------------------------------------------------------------------------|--------------------|-------------------------|------------------------------------|
| No. of Privy Closets                                                                             | { To Fresh W.C.'s. | —                       | —                                  |
|                                                                                                  | { To Waste W.C.'s. | —                       | —                                  |
|                                                                                                  | { To Pails, etc.   | —                       | —                                  |
| No. of Pail Closets                                                                              | { To Fresh W.C.'s. | —                       | —                                  |
|                                                                                                  | { To Waste W.C.'s. | —                       | —                                  |
| No. of Waste W.C.'s to Fresh W.C.'s.                                                             |                    | 10                      | 56                                 |
| No. of Houses at which Movable Ash-<br>bins have been substituted for fixed<br>receptacles ..... |                    | —                       | 319                                |

(iii) PUBLIC CLEANSING.—Refuse collection has been carried out as described in previous reports.

## (iv) SANITARY INSPECTION OF THE AREA.

I am indebted to Mr. W. E. Hoyle, the Senior Sanitary Inspector, for the following figures :—

## SANITARY INSPECTOR'S REPORT.

## PARTICULARS SUBMITTED TO THE HEALTH COMMITTEE, 1945.

|                                                     |     |
|-----------------------------------------------------|-----|
| Nuisances brought before the Health Committee ..... | 176 |
| Representing Houses .....                           | 232 |
| „ Other Premises .....                              | 2   |
| Nuisances Abated .....                              | 152 |
| Notices Served—Nuisances:—                          |     |
| Informal .....                                      | 58  |
| Interviews .....                                    | 51  |
| Statutory .....                                     | 1   |

DAIRIES, COWKEEPERS AND MILK SELLERS.—The total number of cowkeepers in the Borough is 114, the number on the registers being 114. During the year 106 inspections have been made. Many changes have been made and some small farmers have commenced to sell milk wholesale. The register is not up to date owing to shortage of staff.

There are 11 Dairymen or Milk Purveyors, and all are on the Register.

Thirty-three samples of milk were collected from farms in the Borough. Nineteen of these were collected for the Lancashire County Council, and three were found to be unsatisfactory for Methylene Blue. Of the fourteen samples collected from non-accredited farms, six were not up to the standard set out in the Milk and Dairies Order.

In the Tubercle Test of the thirty-one samples, all proved negative.

FARMS.—During the year no Notices have been served on farms for alteration; much of the work is now held up owing to reduction in staff.

CATTLE SALE YARDS AND AUCTION MARTS.—Within the Borough there is one of the above premises.

DISINFECTION.—The following disinfection was carried out during the year :—

|                                            |                |
|--------------------------------------------|----------------|
| Beds disinfected .....                     | 127            |
| Clothing, Bedding, etc., disinfected ..... | 1789 articles. |
| Beds destroyed .....                       | 28             |
| Other articles destroyed .....             | 139            |
| Rooms disinfected .....                    | 111            |
| Schools disinfected .....                  | 1              |

OFFENSIVE TRADES.—There are three tripe dressing premises in the borough; only two of these are in use, and are controlled and supplied from the various centres of supply.

#### ERADICATION OF BED BUGS.

|                                                     |     |
|-----------------------------------------------------|-----|
| The number of Council houses found to be infested   | 1   |
| The number of other houses found to be infested ... | Nil |

RODENT CONTROL.—Thirty-two complaints of premises infested by rats were received. All of these received attention.

470 Sewer manholes were baited with non-poisonous baits, and 81 manholes were baited with poisonous baits.

In addition, the rivers in the Borough were baited both with non-poisonous and poisonous bait.

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## SECTION D.

### Inspection and Supervision of Foods.

#### INSPECTION OF FARMS.

|                            |    |
|----------------------------|----|
| Wholesale Milk Farms ..... | 10 |
| Retail Milk Farms .....    | 76 |
| Stock Farms .....          | 15 |
| Empty Farms .....          | 5  |

#### Bakehouses.

There are fifty-three bakehouses in the Borough, all are well kept.

#### Markets.

There are two; at Rawtenstall on Thursday and at Waterfoot on Friday each week. The meat stalls are constructed to comply with the Public Health (Meat) Regulations, 1924. Both markets are now reduced to the inside only.

#### DISEASED FOOD SURRENDERED.

97 tins of milk.  
 54 tins of meat.  
 19 tins of fish.  
 50 tins of pork and beans.  
 3 tins of pickles.  
 2 tins of marmalade.  
 11 tins of soup, peas, beans.  
 4 $\frac{1}{4}$  cwts. of dates.  
 27 $\frac{1}{2}$  lbs. of sausages.  
 1 lb. 3 ozs. of butter.

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## SECTION E.

Prevalence of, and control over, Infectious  
and other Diseases.TABLE SHOWING NO. OF CASES OF INFECTIOUS  
DISEASES NOTIFIED DURING EACH YEAR.  
FROM 1936—1945.

| DISEASE.                                   | 1936 | 1937 | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 | 1944 | 1945 |
|--------------------------------------------|------|------|------|------|------|------|------|------|------|------|
| Smallpox .....                             | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ..   | ...  | ...  |
| Scarlet Fever .....                        | 24   | 14   | 15   | 18   | 40   | 25   | 66   | 60   | 61   | 42   |
| Diphtheria (including<br>Membranous Croup) | 8    | 30   | 19   | 14   | 54   | 12   | 13   | 25   | 27   | 42   |
| Enteric Fever (including<br>Paratyphoid)   | ...  | ...  | ...  | ...  | 3    | 1    | ...  | ...  | ...  | ...  |
| Acute Primary Pneumonia )                  | 50   | 41   | 21   | 38   | 63   | 55   | 42   | 50   | 44   | 41   |
| Acute Influenzal Pneumonia (               |      |      |      |      |      |      |      |      |      |      |
| Puerperal Fever .....                      | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  |
| Puerperal Pyrexia .....                    | ...  | 1    | 5    | 5    | 4    | 2    | ...  | 3    | 2    | 2    |
| Cerebro-Spinal Fever .....                 | 3    | 1    | 1    | ...  | 1    | 2    | 6    | 4    | 1    | 2    |
| Acute Poliomyelitis .....                  | ...  | ...  | ...  | ...  | 1    | ...  | 1    | ...  | ...  | ...  |
| Acute Polio-encephalitis .....             | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | 1    |
| Encephalitis Lethargica .....              | ...  | ...  | ...  | ...  | ...  | ...  | 1    | ...  | ...  | ...  |
| Dysentery .....                            | ...  | 1    | 1    | ...  | ...  | ...  | 1    | ...  | 3    | 6    |
| Ophthalmia Neonatorum .....                | 5    | 2    | 2    | 5    | 1    | 6    | 8    | 3    | 7    | 1    |
| Erysipelas .....                           | 28   | 13   | 21   | 15   | 17   | 15   | 26   | 5    | 7    | 8    |
| Pulmonary Tuberculosis .....               | 13   | 17   | 13   | 20   | 15   | 22   | 13   | 15   | 24   | 21   |
| Non-Pulmonary Tuberculosis                 | 9    | 11   | 22   | 23   | 16   | 11   | 8    | 13   | 9    | 11   |
| Relapsing Fever .....                      | ...  | ...  | 1    | ...  | ...  | ...  | ...  | ...  | ...  | ...  |
| Measles .....                              | ...  | ...  | *... | 1    | 352  | 81   | 357  | 49   | 91   | 146  |
| Whooping Cough .....                       | ...  | ..   | *... | 2    | 60   | 146  | 26   | 51   | 53   | 15   |
| TOTALS .....                               | 140  | 131  | 121  | 141  | 627  | 378  | 568  | 278  | 329  | 338  |

\* Not notifiable until 1939.

SCARLET FEVER —There were 42 cases notified, compared with 61 cases last year. Clinically they were of a mild type and there were no deaths. Thirteen cases were removed to hospitals.

DIPHTHERIA.—There were 42 cases notified, compared with 27 cases last year. Forty-two cases were removed to hospital. Of these 42 cases, the diagnosis was confirmed in 20 cases only. There was one death.

Material for immunising children is supplied free to general medical practitioners on request. Details of immunisation against diphtheria are given in the following table.

| DIPHTHERIA IMMUNISATION.                                             |          |      |           |          |          |           |           |           |           |           |           |                                                                          |
|----------------------------------------------------------------------|----------|------|-----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|--------------------------------------------------------------------------|
| Persons inoculated each year from 1935—1945.                         |          |      |           |          |          |           |           |           |           |           |           |                                                                          |
| Approximate age in years on 31st December of the corresponding year. | 1935     | 1936 | 1937      | 1938     | 1939     | 1940      | 1941      | 1942      | 1943      | 1944      | 1945      |                                                                          |
| 0 —                                                                  |          |      |           |          |          | 1         | <u>37</u> | <u>71</u> | 144       | 94        | 2         | Total inoculated aged under five years on 31st December, 1945:—          |
| 1 —                                                                  |          |      |           |          | 1        | 6         | 52        | <u>78</u> | <u>72</u> | 77        | 202       |                                                                          |
| 2 —                                                                  |          |      |           |          | 3        | 3         | 31        | 67        | <u>60</u> | 13        | 65        |                                                                          |
| 3 —                                                                  |          |      |           |          | 3        | 2         | 47        | 67        | 54        | <u>14</u> | 11        | 738                                                                      |
| 4 —                                                                  |          | 3    | 19        | 2        | 3        | 8         |           |           |           |           | 7         |                                                                          |
| 5 —                                                                  | <u>1</u> |      | 46        | 7        | 4        | 14        | 75        | 97        | 58        | 11        | <u>15</u> |                                                                          |
| 6 —                                                                  |          |      | 60        | 10       | 8        | 14        | 126       | 96        | 38        | 6         | 18        |                                                                          |
| 7 —                                                                  |          | 1    | <u>51</u> | <u>9</u> | 5        | 11        | 133       | 66        | 33        | 5         | 15        | Total inoculated aged 5-14 years on 31st December, 1945:—                |
| 8 —                                                                  |          |      | 86        | 4        | 9        | 6         | 99        | 52        | 32        | 2         | 7         |                                                                          |
| 9 —                                                                  |          |      | 82        | 5        | <u>6</u> | 18        | 77        | 51        | 32        | 2         | 10        |                                                                          |
| 10 —                                                                 |          |      | 74        | 7        | 4        | <u>12</u> | 107       | 65        | 27        | 2         | 7         |                                                                          |
| 11 —                                                                 |          |      | 43        | 10       | 1        | 15        | <u>82</u> | <u>59</u> | 36        | 1         | 1         | 2302                                                                     |
| 12 —                                                                 |          |      | 28        | 19       |          | 5         | 92        | <u>46</u> | <u>28</u> |           | 2         |                                                                          |
| 13 —                                                                 |          |      | 34        | 8        | 1        | 2         | 66        | 42        | <u>38</u> |           | 1         |                                                                          |
| 14 —                                                                 |          |      | 3         |          |          |           | 69        | 24        | 38        | <u>1</u>  | 1         |                                                                          |
| 15 and over                                                          |          |      | 6         |          |          |           | 9         |           | 35        |           |           | Total inoculated aged 15 years and over on 31st December, 1945:—<br>1043 |
| Total each year                                                      | 1        | 4    | 552       | 81       | 48       | 117       | 1102      | 881       | 725       | 228       | 364       | Grand total 1935-45:—<br>4103                                            |

(In calculating the totals at the end of 1945 no account is taken of deaths which may have occurred since immunisation).

WHOOPING COUGH.—No children were immunised against whooping cough during the year.

ERYSIPELAS.—Eight cases were notified, compared with 7 cases last year. Two were removed to hospital.

### Hospital Accommodation.

INFECTIOUS DISEASES.—There have been no changes made in the arrangements with the Florence Nightingale Hospital, Bury.

The number of cases removed to the Florence Nightingale Hospital, Bury each year since 1941 are as follows:—

| Disease.                | 1941 | 1942 | 1943 | 1944 | 1945 |
|-------------------------|------|------|------|------|------|
| Pneumococcal Meningitis | -    | -    | -    | 1    | -    |
| Membranous Croup        | -    | -    | -    | 1    | -    |
| T.B. Meningitis         | -    | -    | -    | 2    | -    |
| Measles                 | -    | -    | -    | 1    | 2    |
| Diphtheria              | 13   | 10   | 24   | 29   | 42   |
| Enteric Fever           | 1    | 2    | -    | -    | -    |
| Scarlet Fever           | 7    | 18   | 15   | 15   | 13   |
| Erysipelas              | 2    | 1    | 3    | -    | 2    |
| Cerebro-Spinal Fever    | 1    | 3    | 3    | 2    | 1    |
| Whooping Cough Acute    | -    | -    | 1    | -    | -    |
| Poliomyelitis           | -    | 1    | -    | -    | -    |
| Puerperal Pyrexia       | -    | -    | 1    | 1    | 1    |
| Dysentery               | -    | -    | -    | -    | 4    |
| Totals                  | 24   | 35   | 47   | 52   | 65   |

OPHTHALMIA NEONATORUM.—There has been no change in the arrangements with the Royal Eye Hospital, Manchester, for the treatment of cases of Ophthalmia Neonatorum, as described in the 1935 report. One case was treated under this scheme in 1945.

#### OPHTHALMIA NEONATORUM.

| CASES              |         |            | Un-<br>impaired<br>Vision | Impaired<br>Vision | Total<br>Blindness | Deaths |
|--------------------|---------|------------|---------------------------|--------------------|--------------------|--------|
| Number<br>Notified | Treated |            |                           |                    |                    |        |
|                    | At Home | In Hosptl. |                           |                    |                    |        |
| 1                  | —       | 1          | 1                         | —                  | —                  | —      |

SMALLPOX.—The Corporation owns an isolation hospital for Smallpox, situated at The Ridge, Hareholme, within the Borough, with accommodation for twenty-seven patients and where there is an installation for disinfecting clothing, bedding, etc., by means of high-pressure steam.

No cases were admitted in 1945.

DIPHTHERIA ANTITOXIN is available free for the use of practitioners as follows :—

Central Fire Station, Rawtenstall (day or night).

Public Health Dept., Spring Garden Chambers (by day only).

Police Station, Burnley Road, Waterfoot (day or night).

During the year 1945 25 phials of Diphtheria Antitoxin of 3,000 units each were supplied free to Medical Practitioners. Material for the active immunisation against Diphtheria is also supplied to General Practitioners on request.





